#### INTERNATIONAL SEARCH REPORT

in tional Application No FUI/IB2004/052463

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11820/22 G118 G11B20/14 G11B7/007 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. EP 0 802 527 A (MATSUSHITA ELECTRIC X 1-6,11, INDUSTRIAL CO., LTD) 19,22, 22 October 1997 (1997-10-22) 24-26 column 1, lines 38-53 column 3, line 10 - column 5, line 15 figures 1-5 US 6 034 937 A (KUMAGAI ET AL) X 24-26 7 March 2000 (2000-03-07) column 1, lines 24-38 column 4, lines 5-9 column 5, lines 7-13 column 5, lines 33-41 figures 3.5.7 -/---Further documents are listed in the continuation of box C. Patent family members are listed in annex. X . Special categories of cited documents: \*T\* later document published after the International filling date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means \*P\* document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the International search report Date of the actual completion of the international search 28. 07. 2005 7 March 2005 Name and mailing address of the ISA Authorized offices European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016 Hermes, L

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In tional Application No PCI/IB2004/052463

		PC1/1B2004/052463
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SCHOUHAMER IMMINK K A: "EFMPLUS: THE CODING FORMAT OF THE MULTIMEDIA COMPACT DISC"  IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, vol. 41, no. 3,  1 August 1995 (1995–08–01), pages 491–497, XPO00539497  ISSN: 0098–3063 abstract page 494, column 2, lines 33–36 figures 1,4	1,4,6,19,22

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# INTERNATIONAL SEARCH REPORT

Box II	Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)							
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:							
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:							
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).							
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)								
This inte	rnational Searching Authority found multiple Inventions in this International application, as follows:							
	see additional sheet							
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.							
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.							
з	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:							
4. X	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: $1-8,11,19,22,24-26$							
Remark (	on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.							

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8, 11, 19, 22, 24-26

apparatuses (claims 1-8) and method (claim 19) for generating data which, when being reproduced from the burst cutting area (BCA) of an optical disk, exhibits a frequency spectrum that minimally interferes with the low frequency component of markings also recorded in said burst cutting area; apparatus for manufacturing such disk (claim 22); apparatuses (claims 24, 25) and method (claim 26) for reading such disk.

2. claims: 9, 12-18, 20

apparatuses (claims 9, 12-18) that use random data for generating data to be provided to the BCA of an optical disk; corresponding optical disk (claim 20).

3. claim: 10

apparatus for generating data to be provided to the BCA of an optical disk, said apparatus using a 17 PP channel encoder.

4. claim: 21

optical disk wherein data in the BCA is divided into frames that have the same frame structure as user data outside the BCA.

5. claim: 23

apparatus for manufacturing an optical disk which has grooves in its BCA.

### INTERNATIONAL SEARCH REPORT

Information on patent family members

In tional Application No Ful/IB2004/052463

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